

Learning Goals and Scales  
2014-2015

**Rigorous Learning Goal/Scale**

<b>Course:</b>	<b>Chemistry: Unit 5: Solutions #1</b>
<b>Score 4</b> Additional Success with the complex content and concepts—inferences, novel applications	<b>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.</b>  Students make an inference beyond what was explicitly taught.
<b>Score 3</b> Mastery of complex content and concepts of learning goal	<b>LEARNING GOAL: Discuss the unique physical characteristics and relate to the molecular structure and intermolecular attraction of water.</b>  <b>Skills:</b> <ul style="list-style-type: none"><li>• Identify the unique characteristics of water</li><li>• Describe the structure of water</li><li>• Discuss the molecular structure of water and how this affects its physical properties.</li></ul> <b>Student makes no major errors or omissions regarding the score 3 content</b>
<b>Score 2</b> Success with simpler content—vocabulary, foundational skills	<b>The student will recognize or recall specific vocabulary or basic content, such as:</b> <ul style="list-style-type: none"><li>• Describes the basic structure of water.</li><li>• Define terminology: adhesion, cohesion, surface tension, capillary action, hydrogen bonding and specific heat.</li></ul> <b>Student makes no major errors or omissions regarding the score 2 content</b>
<b>Score 1</b> Partial success with help	<b>With help, student achieves partial success at score 2 content and/or score 3 content</b>
<b>Score 0</b> No success even with help	<b>Even with help, no success.</b>